

(2235-B)

The Problem of the Metabolism of Vitamin C and
Aromatic Amino Acids in Radiation Sickness, by
by M. N. Stepanova, I. I. Ivanov, 5 pp.

RUSSIAN, per, Voprosy Med Khim, Vol IV, No 5,
1958, pp 370-372.

~~XXXXXXXXXX~~
JPRS L-692-B

Sci - Med, radiobiology

Mar 59

83, 483
82 482

85,705
(2235-N)

Mar 59
The Protein Composition of the Kidneys, Blood Serum
and Urine of Rats Following Damage Caused by
the Administration of Heavy Salts, by N. K.
Lebedeva, 7 pp.

RUSSIAN, per, Voprosy Med Khim, Vol IV, No 5,
1958, pp 373-378.

JPRS L-693-N

Sci - Med, radiobiology
Mar 59
85 484

The Effect of Temporary "Exclusion" of the Heart
From Circulation in Conditions of Hypothermia
on the Aspartic and Glutamine Content of the Brain.
by M. N. Pertseva, 12 p.

RUSSIAN, per, ~~Voprosy Med Khimii~~, 1958, Vol IV,
No 5, pp 379-384.

SLA 59-17371

Sci
Feb 60
Vol 2, No 10

108,800

1-1111

(DC-2/83).

Text Book of Medical Chemistry, 4 pp.

1955, 1st, Voprosy Med Khim, Vol ¹/₂, No 1,
1955, Moscow, pp 3-5.

1955-823-2

USSR

Dec - 1951

Jul 59

93.103

S-5150

(DC-2783).

Changes in the Content and Metabolism of Iron
in Bone Marrow Under Local Effects of X-Rays,
by Z. D. Kapitonova, 11 pp.

RUSSIAN, per, Voprosy Med Khim, Vol ~~5~~⁶, No 1, 1959,
pp 32-38.

JPRS-L-1793-D

USSR

Sci - Med - Radiation chemistry
Aug 59

93, 343

The Transamination of Dicarboxylic Amino Acids and
Their Amides in Malignant Tumors, by T. T. Berczov,
12 pp.

RUSSIAN, per, Voprosy Medit Khim, Vol. V, No 1, 1959,
pp 39-47. 9077036

NIR 5-21-61

Sci - Med
Jul 61

159,557

S-5150

(DC-2783)

Changes in the Chemical Composition of the Testes
in Atrophy Caused by Ionizing Radiation, by A. ~~EX~~
M. Alekseyeva, N. M. Timofeyeva, 9 pp.

RUSSIAN, per, Voprosy Med Khim, Vol. ~~IX~~ No 1,
1959, pp 48-53.

JPRS-L-1794-D

USSR

Sci - Med - Radiation chemistry

Aug 59

93, 342

Alterations in the Glycogen Content of Organs
of the Rat in Acute Radiation Sickness, by
D. A. Golubentsev, 11 pp.
Symposium on HighFlux Materials Testing Reactors
RUSSIAN, per, Voprosy Med Khim, Vol V, 1959,
pp 107-111. *2102*

~~Subsidiary~~

AEC TT-900

NRCC 3-3325

Sci - Med, Chem
26 Oct 60

138,678

62-25114

Rosen, L. G.
THE EFFECT OF CORTISONE ADMINISTRATION
ON PLASMA MINERAL ACTIVITY IN THE ADRENAL
GLANDS OF RABBITS.
J. Biol. Chem. 201: 111-115 (1953)

L. Rosen,
U. S. Department of Health, Education,
and Welfare

Abstract
Cortisone

Administration of cortisone to rabbits induces an
increase in the weight of the liver and a decrease in the
weight of the thymus gland, the lymphatic glands below
the neck, and the muscles in the calf of the leg. The
dry weight of the thymus gland is increased in animals
that have received cortisone. There is no change in the
(Biological Services, Pharmacology, U. S. Dept. of Health,
Education, and Welfare)

Office of Technical Services

S-5286

(NY-2797).

The Isolation of Properdin and Some Data on
Its Chemical Composition, by Ye. N. Voluyiskaya,
N. V. Cheburkina, V. I. Tovarnitskiy, 9 pp.

RUSSIAN, per, Voprosy Medit Khim, Vol V, No 3,
1959, pp 200-205.

JPRS-L-916-N

Sci - Chem - Biochem
Sep 59

97,040

Biochemical Alterations in the Brain Cortex of P
Puppies During Natural and Medinal-Induced Sleep.
by M. N. Kondrashova, K. I. Strachitskiy, 5 pp.

RUSSIAN, per, Voprosy Meditsinskoy Khim, Vol. V.
No 5, 1959, pp 323-327.

SLA 60-10562

149,692

221

Jan 68

Vol 1, RS 12

(00-1313).

Electrophoresis of Brain Tumor Proteins by Paper
Electrophoresis, by A. V. Trufanov, 9 pp.

RUSSIAN, per, Voprosy Med khim, Vol V, No 6,
1959, pp 403-408.

JPRS 3148

Sci - Med, Biochemistry
Apr 60

113,862

S-240/00

(NY-3437)

Tissue Respiration and Glycolysis in the Development
of Acute Radiation Sickness, by D. A. Golubentsev,
G. V. Shapovalov, 4 pp.

Trudy Vsesoyuznogo Meditsinskoy Khimii. Vol VII. No 1.
1960, pp. 10-14.

JPRS 2759

Sci - Med

JUN 60

121, 888

S-407760

On the Role of Ribonucleic Acids in Protein
Synthesis, by P. B. Straub, 12 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 2,
1960, pp 115-120.

JPRS 2958

Sci - Med

Jul 60

119,793

S-407/60

(NY-4107)

Ethylene -- an Endogenic Substance in Tumor
Vectors, by M. T. Kokonov, 17 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 2,
Mar/Apr 1960, pp 158-165.

JPRS 2960

Sci - Med

Aug 60

121,941

62-14692

Kuzhman, M. I.
THE MODE OF ACTION OF COCAINE UPON THE
RESPIRATION OF BRAIN TISSUES. [1962] 18p. 7 refs.
Order from OIS or SA \$4.10 62-14692

Trans. of Voprosy Meditsinskoi Khimii [USSR]
[1960] v. 6, no. 2, p. 188-191.

DESCRIPTORS: *Alkaloids, Drugs, Pharmacology,
*Respiration, *Brain, Inhibition, Tissues (Biology),
Cells (Biology), Oxidation, Flavins, Enzymes.

Addition of cocaine to the cerebral pulp of rats caused a
decrease in oxygen consumption at the expense of oxida-
tion of endogenic substrata as well as upon addition of
glucose, lactic and pyruvic acids. Addition of succi-
nic acid decreases oxygen consumption to a lesser
degree. Glycolysis is not impaired. The dehydroase
activity in the brain is considerably reduced by cocaine.
(Biological Sciences--Pharmacology, J E, v. 9, no. 2)
(over)

1. Title: Cocaine
1. Kuzhman, M. I.

Office of Technical Services

11/2/60

(DC-4246)

Incorporation of Formate- C^{14} Into Nucleoproteids
and Albumins of Experimental Tumors, by V. A.
Krasanova, Yu. S. Gurevich-Ussyskina, 2 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 3,
1960, pp 254-259.

JPRS 3851

Sci - Med

Sci 60

125 4490

(NY-4825)

Conference on Questions of the Chemistry of
Enzymes and the Mode of Their Action, by L. M.
Ginodman, V. Z. Gorkin, 15 pp.

RUSSIAN, per, Voprosy Medit Khim, Vol VI, No 3,
1960, pp 323-326.

JPRS 5822

Sci - Chem

Oct 60

129,084

01-1260

Bukin, V. N.
THE BIOCHEMICAL FUNCTIONS OF VITAMIN B₁₂.
[1960] 10;
Order from ATS \$17.45

ATS-81M45R

Trans. of Voprosy Meditsinskoy Khimii (USSR)
1960, v. 6, no. 4, p. 335-344.

148,604

I. Vitamin B--Biochemical
effects

1. Bukin, V. N.

II. ATS-81M45R

III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS R-J-4182

Office of Technical Services

(Biological Sciences--Pharmacology, TT, v. 5, no. 7)

Zakharov, N. V. and Orlyanskaya, R. L.
EFFECT OF EXCITATION AND CONVULSIONS IN-
DUCED BY CORDIAMINE ON THE METABOLISM OF
PROTEIN AND PHOSPHATES IN THE BRAIN. [1962]
[11]p. (1 fig. omitted) 25 refs.
Order from OTS or SLA \$1.60

62-14755

Trans. of Vopr[osy] Med[itsinskoi] Khim[ii] (USSR)
1960, v. 6, p. 349-353.

DESCRIPTORS: Physiology, *Brain, Stimulation, Drugs,
*Metabolism, *Phospholipids, *Proteins, Labeled
substances, *Convulsions, *Methionine, Pharmacology,
Phosphates, Amines.

Stimulation evoked by cordiamine is accompanied by an
increase in the metabolism of phospholipids, RNA, and
phosphoproteides of the brain. Under the same experi-
mental conditions an increase in the incorporation rate
(Biological Sciences--Pharmacology, TT, v. 9, no. 4)
(over)

62-14755

1. Title: Cordiamine
- I. Zakharov, N. V.
- II. Orlyanskaya, R. L.

Office of Technical Services

(MY-5253)

On Lipoproteins and Blood Protein Fractions in
Experimental Alimentary Hypercholesteremia, by
T. N. Lovyagina, 13 pp.

RUSSIAN, per, Voprosy Medit Khim, Vol VI, No 4,
Jul/Aug 1960, pp 358-364.

JPRS 7268

Sci - Med

Jan 61

135,967

(NY-5253)

Effect of X-Ray Irradiation on the Formation of
Enzymes in the Pancreas, by V. V. Nikol'skiy,
G. V. Rubtsova, 6 pp.

RUSSIAN, per, Voprosy Medit Khim, Vol VI, No 4,
Jul/Aug 1960, pp 365-367.

JPRS 7269

Sci - Med

Jan 61

135,970

(NY-5253)

Electrophoretic Study of Soluble Liver Proteins
in Radiation Sickness, by Ye. M. Belyayeva,
T. A. Fedorova, S. B. Vasilyakiy, 9 pp.

RUSSIAN, per, Voprosy Medit Khim, Vol VI, No 4,
Jul/Aug 1960, pp 377-381.

JPRS 7270

Sci - Med

Jan 61

135,969

(NY-5253)

Effect of Insulin and Glucose on the Glycogen
Content of the Liver in Radiation Sickness, by
K. V. Gordeyeva, 9 pp.

RUSSIAN, per, Voprosy Medits Khim, Vol VI, No 4,
Jul/Aug 1960, pp 408-411.

JPRS 7271

Sci - Med

Jan 61

135,971

(SM-1327)

The Effect of External Ionizing Radiation on the
Participation of the Liver and Intestine on
Lipid Metabolism, by K. V. Smirnov, V. A.
Shaternikov, 7 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 5,
Sep/Oct 1960, pp ~~464-468~~.

JPRS 4345

Sci - Med

139,909

Feb 61

(SF-1327)

Oxidative and Carbohydrate-Phosphate Metabolism in
Cerebral and Hepatic Tissue Under Normal Conditions
and After Irradiation, by R. I. Skvortsova,
8 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 5,
Sep/Oct 1960, pp 475-479.

JPRS 4345

OTS 65-16462

139,910

Sci - Med

Feb 61

(SF-1327)

Enzymatic Formation of Hemolysins in Hepatic
Tissue in Radiation Sickness, by V. M.
Benevolenskiy, 7 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 5,
Sep/Oct 1960, pp 480-483.

JPRS 4345

Sci - Med

139,911

Feb 61

(SF-1327)

On the Role of the Liver in the Metabolism of
Uric Acid and Allantoin in Radiation Sickness,
by T. A. Fedorov, ~~V. P. Fedotov~~, V. P. Fedotov,
7 pp.

RUSSIAN, per, ~~Voprosy Med Khim~~, Vol VI, No 5,
Sep/Oct 1960, pp 497-500.

JPRS 4345

incl - Med

138,880

Feb 61

(SF-1327)

Effect of Cystamine on the Liver and Spleen
Content of Nucleic Acids in Irradiated Rats, by
M. G. Vladimirov, 8 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 5,
Sep/Oct 1960, pp 501-505.

JPRS 4345

Sci - Med

139,881

Feb 61

Use of Mikrotsid (Glucose Oxidase) for Specific
Quantitative Determination of Glucose in Blood, by
I. S. Lukanskaya, V. K. Gorodetskiy, 5 pp.

RUSSIAN, per, Voprosy Medit Khim, Vol VI, No 6, 1960,
pp 641, 642. 9076111

NIH 4-6-61

Sci - Med
Jul 61

158, 319

(NY-6344)

Neuraminic Acid and Its Role in the Organism, by
I. V. Tsvetkova, 20 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 1,
1961, pp 3-16.

JPRS 9438

Sci - Med

Jul 61

157,092

(N1-8544)

Free Amino Acids of the Blood and Urine in Leucosis,
by M. B. Sventitskaya, O. D. Ramova-Takhovrebva,
9 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 1, 1961,
pp 52-55.

JPRS 9440

Sci - Med

Jul 61

158, 578

(NY-6312)

The Menopause and Neoplastic Diseases, by V. M.
Dil'man, 16 pp.

RUSSIAN, per, Voprosy Onkologii, Vol VII, No 1,
1961, pp 108-118.

JPBS 9499

Sci - Med

Jul 61

158, 585

(NY-6344)

Determination and Isolation of Antidiphtherial
Antibodies With the Aid of Antigens Fixed on Cellulose
by A. Ye. Gurvich, M. V. Ispolatovskaya, K. N.
Myasoyedova, 12 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 1,
1961, pp 55-61.

JPRS 9441

157,098

Sci - Med

Jul 61

(NY-6344)

The Connection Between the Paradoxical Action of
Adrenaline in Cancer Patients and Its Effect on the
Cholinesterase Activity, by R. I. Lifshits, 8 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 1,
1961, pp 61-65.

JPRS 9442

Sci - Med

157,097

Jul 61

Vladimirov, G. E., Myul'berg, A. A., and
Sytinskii, I. A.
SEPARATION OF THE SOLUBLE PROTEINS OF THE
HUMAN BRAIN BY ELECTROPHORESIS ON PAPER
AND IN AGAR BLOCKS. [1963] [8]p. (tables omitted)
11 refs.

Order from OTS or SLA \$1.10

63-16379

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1961,
v. 7 [no. 1] p. 65-70.

DESCRIPTORS: Separation, *Proteins, *Brain,
*Electrophoresis, Cytochemistry, Paper chromatog-
raphy, Tissues (Biology), *Histological techniques.

Electrophoretic separation of soluble proteins in the
grey and white matter of the brain made possible the
identification of 8 fractions on paper and 11 fractions in
agar blocks. The proportional distribution of protein
fractions is the same for white and grey matter. The
(Biological Sciences--Biochemistry, TT, v. 10, no. 9)
(over)

63-16379

I. Vladimirov, G. E.
II. Myul'berg, A. A.
III. Sytinskii, I. A.

Office of Technical Services

(NY-6344)

Experimental Thrombosis and Its Prevention With
Trypsin Inhibitor, by G. V. Andreyenko, B. A.
Kudryashov, 11 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 1,
1961, pp 70-74.

JPRS 9443

Sci - Med

157,099

Jul 61

(NY-6344)

Certain Data on the Nature of the Immunobiologic
Specificity of Proteins, by A. I. Nikolayev,
14 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 1,
1961, pp 74-81.

JPRS 9444

Sci - Med

Jul 61

157,104

Yakubovskaya, V. I. and Kiseleva, N. A.
THE EFFECT OF AMINAZINE CHLORPROMAZINE
ON THE LEVEL AND SYNTHESIS OF CHOLESTEROL IN THE LIVER OF PIGEONS. [1963] [6 p.
25 refs.

Order from OTS, SLA or ETC \$1.10 TT-63-19690

Trans. of Voprosy Meditsinskoi Khimii (USSR)
1961, v. 7 [no. 1] p. 93-96. (Abstract available)

DESCRIPTORS: *Chlorpromazine, Drugs, *Cholesterol, *Liver, Pigeons, Inhibition, Coenzymes, Tracer studies.

Pigeons were given subcutaneous injections of aminazine (25 mg/kg body weight) and intraperitoneous injections of 2-C¹⁴ acetate (30 microcuries/kg). After a lapse of 3 hours the birds were sacrificed by decapitation. C¹⁴ labeled cholesterol was isolated as the digitonide. Aminazine was found markedly to
(Biological Sciences--Pharmacology, TT, v. 11, no. 2)
(over)

TT-63-19690

I. Yakubovskaya, V. I.
II. Kiseleva, N. A.
III. Translations, New York

Office of Technical Services

NY-8582

The Problem of the Steady State in Muscular
Activity, by N. N. Yakovlev, 22 pp.

RUSSIAN, per, Voprosy Med Khim. Vol VII, No 2,
Mar/Apr 1961, pp 120-132.

JPRS 9694

Sci - Med

Aug 61

162,137

(NY-6532)

The Uptake of Phenylalanine- C^{14} by Proteins of
Transplantable Animal Tumors, by Pan Ch'i-ts'ao,
9 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 2,
Mar/Apr 1961, pp 149-154.

JPRS 9694

Sci - Med

Aug 61

162,138

(NY-6532)

Changes in Skin Proteins After a Thermal Burn,
by V. V. Oppel', 12 pp.

RUSSIAN, per, Voprosy Med Khim. Vol VII, No 2,
Mar/Apr 1961, pp 172-178.

JPRS 9694

Sci - Med

Aug 61

162,139

(NY-6532)

Acetone Bodies in the Myocardium of the Rabbit
With Aortic Stenosis, by M. F. Vyalykh, N. G.
Lutsenko, 8 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 2,
Mar/Apr 1961, pp 186-190.

JPRS 9694

Sci - Med

162,140

Aug 61

(NY-6532)

Detection and Extraction of a Glycoprotein From
Blood Serum Which Causes a Reduction in Coronary
Outflow, by A. A. Dubinskiy, 6 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 2,
Mar/Apr 1961, pp 197-200.

JPRS 9694

Sci - Med

Aug 61

162,141

Kuzhman, M. I.
THE EFFECT OF LOCAL ANESTHETICS UPON
RESPIRATORY PHOSPHORYLATION. [1962] 6p.
15 refs.
Order from OTS or SLA \$1.10 62-14750

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1961
[v. 7, no. 3] p. 243-245.

DESCRIPTORS: *Drugs, *Anesthetics, Inhibition,
Respiration, *Phosphorylation, *Absorption, *Oxygen,
Synthesis, Phosphates, *Procaine.

The effects were studied of the more commonly used
local anesthetics (novocaine, cocaine, dicaine, anes-
thesine, sovaine, mesocaine and xylocaine) on the
process of respiratory phosphorylation. These anes-
thetics to a considerable degree disrupt or inhibit
respiration and phosphorylation, reducing not only the
absorption of oxygen, but also the synthesis of mineral
phosphate.
(Biological Sciences--Pharmacology, TT, v. 8, no. 6)

62-14750

I. Kuzhman, M. I.

Office of Technical Services

XXXXXXXXXXXX

CHEMICAL STRUCTURE AND BIOLOGICAL ACTIVITY OF
ORGANOPHOSPHORUS INHIBITORS OF CHOLINESTERASE, BY
R. I. VOLKOVA, N. M. GODOVIKOV, ET AL, 17 PP.

RUSSIAN, PER, VOPROSY MEDIT KHIM, VOL VII, NO 3,
1961, PP 250-258.

JPRS 10872

SCI - BIOL-MED SCI

MAY 63

JPRS 10397

228,839

(17-1938)

The Activity of Certain Glycolytic Enzymes in the
Blood of Cancer Patients, by V. P. Korotkoruchko,
P. D. Dvornikova, I. N. Ishchenko, 6 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 3, 1961,
pp 273-276. —————

JPRS 19786

Sci - Med

174, 8 //

Dec 61

(SF-1961).

Protein changes in the Crystalline Lens From
Experimentally Induced Radiation Cataract, by K. F.
Birfarova, Ye. M. Kedrova, 9 pp.

RUSSIAN, per, Voprosy Med Khim. Vol VII, No 3,
1961, pp 235-241

JPRS 10786

Sci - Med

174,812

Dec 61

Vaisfeld, L. L.

URINARY EXCRETION OF 5-HYDROXYINDOLEACETIC ACID IN CERTAIN NEUROPATHOLOGICAL CONDITIONS. [1962] 6p. (figs. omitted) 20 refs.
Order from OTS or SLA \$1.10

62-20327

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1961, v. 7, no. 3, p. 309-313.

DESCRIPTORS: Urine, Excretion, Pathology, *Brain, Muscles, *Indoles, *Acetic acids, *Hydroxides.

Daily (24) excretions of 5-hydroxyindoleacetic acid in patients with lesions of the diencephalus and with predominantly vegetative-vascular symptomology range between 1.3 and 7.6 mg; while in patients with predominantly neuro-endocrinal disturbances the range is from 0.0 to 9.5 mg (where normal figures are 1.7 to 7.2 mg.) In myasthenic patients the output is lowered, the mean (Biological Sciences--Pathology, TT, v. 9, no. 9) (over)

62-20327

1. Vaisfeld, L. L.

Office of Technical Services

(SF-1988)

A Conference Devoted to the Chemistry and Biochemistry
of Blood Plasma Proteins, by V. Z. Gorkin, 6 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 3, 1961.
pp 329-332.

JPRS 10736

Sci - Med

174, 813

Dec 61

(HY-6734)

Incorporation of Labeled Lysine- $l\text{-C}^{14}$
Into the Proteins of Transplantable
Tumors and the Organs of Rats, by
P'AN Ch'i-Ts'ao, 9 pp.

RUSSIAN, per, Voprosy Meditsinskoy Khim,
Vol VII, No 4, Jul/Aug 1961, pp 358-362.

JPRS 11106

Sci - Med
Dec 61

176,214

(NY-6734)

Comparative Studies on Transaminase
Activity in Malignant Tumors, by T. T.
Berezov, 13 pp.

RUSSIAN, per, Voprosy Medit Khim,
Vol VII, No 4, Jul/Aug 1961, pp 417-424.

JPRS 11169

Sci - Med
Dec 61

176,192

Polyakova, N. M. and Untina, N. A.
PHOSPHOGLUCOMUTASE ACTIVITY OF DIFFER-
ENT REGIONS AND INTRACELLULAR BRAIN
STRUCTURES. [1962] [4]p.

Order from OTS or SLA \$1.10 62-14718

Partial trans. (tables only) of Voprosy Meditsinskoi
Khimii (USSR) 1961, v. 7 [no. 5] p. 524-527.

DESCRIPTORS: *Phosphorylases, *Brain, Cells
(Biology), Tissues (Biology).

(Biological Sciences--Biochemistry, TT, v. 8, no. 5)

62-14718

I. Polyakova, N. M.
II. Untina, N. A.

Office of Technical Services

On the Nature of EK Catalytic Sites of Amine
Oxidases: Role of Zinc in the Action of the
Amine Oxidase of Blood Serum, by V. Z. Gorkin.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 6,
pp 632-638, 1961.

NIH 9-9-62

Sci - Med

Dec 62

218,863

(DC-6825)

BIOSYNTHESIS AND FIBRILLOGENESIS OF COLLAGEN
PROTEINS, BY V. I. HAZUROV, 30 PP.

USSR, PER, VOPROSY MEDITSKHIM, VOL VIII,
NO 1, 1962, PP 3-16.

JPRS 13953

SCI - MED
JUN 62

197,472

(DC-6825)

DISTURBANCE OF THE ~~XXXXXXXX~~ METABOLISM OF
TISSUE IRON IN LIVER FROM IRRADIATED MICE,
BY G. V. VOSKOBOYNIKOV, 9 PP.

RUSSIAN, PER, VOPROSY MEDIT KHIM, VOL VIII,
NO 1, 1962, PP 17-19.

JPRS 13953

SCI - MED
JUN 62

127,473

Usbekova, D. G.

THE EFFECT OF GLUTAMIC ACID AND COFFEEIN
UPON GLUTAMINE, GLUTAMIC ACID, AMMONIA,
AND ADENOSINE TRIPHOSPHATE CONTENT IN
CEREBRAL HEMISPHERES. [1962] [5]p. 15 refs.
Order from OTS or SLA \$1.10 62-20328

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962,
v. 8, [no. 1]p. 83-86.

DESCRIPTORS: *Glutamic acid, *Caffeine, *Ammonia,
*Adenosine phosphates, *Brain, Metabolism, Drugs,
Biochemistry.

The administration - over a six-day period of glutamic
acid (100 mg/100 g body weight/day) - in no way effects
the content of ammonia, glutamic acid, glutamine, and
adenosine triphosphate in the cerebral hemispheres.
At the same time, considerable variation in the content
(Biological Sciences - Pharmacology, TIT, v. 8, no. 10)

(over)

62-20328

I. Usbekova, D. G.

Office of Technical Services

Derviz, G. V., Mogilei, L. M., and Kimeral, R. E.
A DOUBLE MANOMETRIC APPARATUS WITH MAG-
NETIC STIRRER FOR ANALYZING BLOOD GASES.
[1963] [11 p. (figs. omitted) 3 refs. FASEB manuscript
no. S 107-2.

Order from OTS or SLA \$1.60
figs. available on loan from OTS

63-19370

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962,
v. 8, no. 1, p. 87-92.

DESCRIPTORS: *Manometers, *Blood, *Gas analysis,
Hematology, Medical equipment, Operation, Oxygen,
Carbon dioxide.

A description is given of a new model of the Van Slyke
manometric apparatus for blood gas analysis. It
differs from the conventional model in that two analyses
may be run simultaneously in the two extraction re-
(Biological Sciences--Biochemistry, TT, v. 10, no. 5)
(over)

63-19370

1. Title: Magnetic stirrers
- I. Derviz, G. V.
- II. Mogilei, L. M.
- III. Kimeral, R. E.
- IV. FASEB S-107-2
- V. Federation of American
Societies for Experiment-
tal Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Book Review to the Problem of Chemical Biochemistry.
by M. V. Sigalov.

Published by: V. V. Sigalov, Moscow, U.S.S.R., 1962, pp 95-99.

MIH 2-43-63

100-10000

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231,972

(NI-7105)

Change of Glycogen Content in the Liver
and Muscles of Animals Adapted to Cold
and Animals Not Adapted to Cold, by
L. A. Guseva, 17 pp.

RUSSIAN, per, Voprosy Med Khim,
Vol VIII, No 2, 1962, pp 199-204.

JPRS 14032

Sci - Med
Jun 62

199,330

Zbarskii, I. B., Ermolaeva, L. P., and
Dmitrieva, N. P.

RESIDUAL PROTEIN IN THE NUCLEI OF NORMAL
AND TUMOROUS CELLS. [1963] [8]p. 11 refs.

FASEB manuscript no. S 41-3.

Order from OTS or SLA \$1.10

63-23056

Tranz. of Voprosy Meditsinskoi Khimii (USSR) 1962,
v. 8, no. 2, p. 218-221.

DESCRIPTORS: *Cells (Biology), *Cancer, *Nuclei (Biology),
Electron microscopy.

Electronic microscopic investigations were made of
the residual proteins derived from nuclei of cells of
a normal liver, a strain of carcinosarcoma cells, and
a strain of sarcoma cells. These studies indicate that
the residual protein has a nuclear origin in both tumor
(Biological Sciences--Biochemistry, TT, v. 10, no. 9)

(over)

63-23056

I. Zbarskii, I. B.

II. Ermolaeva, L. P.

III. Dmitrieva, N. P.

IV. FASEB S-41-3

V. Federation of American
Societies for Experi-
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Washington, D. C.

VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

(NY-7183)

BIOCHEMISTRY OF THE HEART MUSCLE IN MYOCARDIAL
INFARCTS, BY V. M. RUBEL', 16 PP.

RUSSIAN, PER, VOPROSY MEDIT KHIMII, VOL VIII,
NO 3, MAY/JUN 1962, PP 227-236.

JPRS ~~14885~~ 14885

SCI - MED

AUG 62

205,727

Karpyuk, S. A. and Germanuk, Ya. L.
TRANSAMINASE ACTIVITY AND CONTENT OF
SERUM PROTEIN FRACTIONS IN CERTAIN DIS-
EASES OF THE ABDOMINAL ORGANS. [1963][12]p.
(15 refs. omitted) 11 refs. FASEB manuscript no.
S 96-2.

Order from OTS or SLA \$1.60

63-19368

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962,
v. 8, no. 3, p. 270-274.

DESCRIPTORS: *Transaminases, Blood proteins, *Dis-
eases, *Abdomen, Pancreas, Liver function tests,
Gall bladder.

The activity of α -ketoglutarate-alanine transaminase
of the blood serum increases in a number of acute dis-
eases of the organs of the abdominal cavity; its highest
activity is noted in acute cholecystitis and pancreatitis.
The activity of α -ketoglutarate-aspartate transaminase
(Biological Sciences--Pathology, TT. v. 10, no. 6)

(over)

63-19368

- I. Karpyuk, S. A.
- II. Germanuk, Ya. L.
- III. FASEB S-96-2
- IV. Federation of American
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- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Khaustova, I. M. and Ugleva, A. I.
PURIFICATION AND SEPARATION OF CLOSTRIDIUM
PERFRINGENS TOXINS AND TOXOIDS, [1962] 9p.
5 refs. FASEB manuscript no. S 97-2.
Order from OTS or SLA \$1.10 63-15983

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962,
v. 8, no. 3, p. 276-279.

DESCRIPTORS: Purification, Separation, *Clostridium
perfringens, *Toxins and antitoxins, Sodium compounds,
Phosphates, Bacterial toxins, Antigens.

A study was made of the effect of the pH and temper-
ature on purification of Clostridium perfringens toxin
by sodium hexametaphosphate. The highest yield of
antigen and the greatest specific activity were obtained
when the toxin was acidified to pH 3.2 at 3°C and the
precipitate separated 30 minutes after acidification.
(Biological Sciences--Biochemistry, TT, v. 10, no. 6)
(over)

63-15983

- I. Khaustova, I. M.
- II. Ugleva, A. I.
- III. FASEB S-97-2
- IV. Federation of American
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- V. Scripta Technica, Inc.,
Washington, D. C.

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Aleksandr Yevseyevich Braunshteyn, 5 pp.
RUSSIAN, per, Voprosy Medit Khim, No 3, 1962,
pp 325-328.
JPRS 23889

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Biog
Apr 64

254, 171

Bychkov, S. M.

NEW DATA ON HUMAN GROUP-SPECIFIC MUCOIDS.
[1963] [45]p. 45 refs. FASEB manuscript no. S 108-3.
Order from OTS or SLA \$4.60 63-23049

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962,
v. 8, no. 4, p. 339-353.

DESCRIPTORS: *Body fluids, Biochemistry, Genetics,
*Mucopolysaccharides, *Glycoproteins, Secretions,
*Antigen-antibody reactions.

(Biological Sciences--Physiology, TT, v. 10, no. 7)

63-23049

- I. Title: Group specific mucoids
- I. Bychkov, S. M.
- II. FASEB S-108-3
- III. Federation of American Societies for Experimental Biology, Washington, D.C.
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Luganova, I. S. and Seits, I. P.
GLYCOGEN CONTENT AND METABOLISM IN
NORMAL AND LEUKEMIC HUMAN LEUKOCYTES.
Nov. Dec. 1962, no. 22ref#

Order from U.S. GPO in Washington by accession
Translation Supplement, no. 22, no. 16, p. 11
1. T1058-T1062

Trans. of Academy of Medical Sciences (USSR) 1962,
no. 8, no. 4, p. 354-[361].

DESCRIPTION: *Glycogen, *Metabolism, *Leukocytes,
*Leukemia, *Cells (biology), Cytochemistry, blood
disorders, blood cells.

(Biological Sciences--Pathology, TT, v. 11, no. 10)

TT-63-17973-6
(G. T1058-T1062)

I. Luganova, I. S.
II. Seits, I. P.
III. Federation of American
Societies for
Experimental Biology,
Washington, D. C.

Office of Technical Services

CHANGES IN THE CONTENT OF COLLAGENOUS PROTEINGS
OF THE SKIN FOLLOWING AN EXPERIMENTAL BURN,
BY E. P. KYUZ, V. V. OPPEL, 9 PP.

RUSSIAN, PER, VOPROSY MEDITSINSKOY KHIMII,
VOL VIII, NO 4, 1962, PP 379-384.

JPRS 16441

SCI - MED
DEC 62

217,239

The Effects of Beryllium and Other Bivalent Cations
on Some Intermediate Reactions of Glycolysis,
by Lyu Yuy-tan, 6 pp.
RUSSIAN, per, Voprosy Medit Khim, Vol VIII, 1962,
pp 392-395.
JPRS 27031

No 4

Sci-Chem

Dec 64

270,107

Isolation of Insulin-like Compounds From Blood
Plasma and Urine on Ion-Exchange Resins, by
L. I. Liberman, 12 pp.

RUSSIAN, per, xVoprosy Med Khim, Vol VIII, No 4,
1962, pp 420-423.

ATS RJ-4185 (61P)
UTS, SLAM, POK 77-60-33907
77-60-10209 (11/11)

Sci - Biol & Med Sci
Doc 63

244,890

CONFERENCE ON THE PROBLEM THE BIOLOGICAL ROLE
OF TRACE ELEMENTS, BY V. A. DEL'VA, 5 PP.

RUSSIAN, PER, VOPROSY MEDITSINSKOY KHIMII,
VOL VIII, NO 4, 1962, PP437-439.

JPRS 16441

SCI - MED

DEC 62

217,240

Etingof, R. N.

METABOLISM IN TISSUE CULTURE CELLS. [1963]
[34p] 151 refs FASEB Manuscript no.: S 440-3.
Order from OTS, SLA, or ETC \$3.60 TT-63-24527

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962,
v. 8, no. 5, p. 451-463.

A survey of the literature.

DESCRIPTORS: *Metabolism, Cells (Biology),
*Tissue culture, Biochemistry,

(Biological Sciences, TT, v. 11, no. 5)

TT-63-24527

- I. Etingof, R. N.
- II. FASEB-S-440-3
- III. Federation of American
Societies for Experimental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

CHANGE IN THE CONTENT OF BIOLOGICALLY ACTIVE
SUBSTANCES IN RATS FOLLOWING IN THE ACTION OF
RADIAL ACCELERATIONS, BY I. M. KHAZEN,
I. L. VAYSFEL'D, 9 PP.

RUSSIAN, PER, VOPROSY MEDITSINSKOY KHIMII,
VOL VIII, NO 5, SEP -OCT 1962, PP 493-497.

JPRS 16956

SCI - MED

FTD-TT-64-202 (9695057)

JAN 63

218,993

Liu, Yu-tan.

OXIDATIVE METABOLISM IN LUNG AND LIVER
TISSUE IN EXPERIMENTAL BERYLLIOSIS. [1963]

[26p] FASEB manuscript no. S 440-2

Order from OTS, SLA, or ETC \$2.60 TT-63-23885

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962,
v. 8, no. 5, p. 518-525. (Abstract available)

DESCRIPTORS: Oxidation, *Metabolism, Lungs, Liver,
Tissues (Biology), *Beryllium poisoning.

The O_2 uptake of lung tissue from white rats with ex-
perimental berylliosis was reduced, but the O_2 uptake
in liver tissue did not change within 3 months after
administration of beryllium to the animals. In beryl-
liosis the rate of α -ketoglutaric acid oxidation in
lung tissue was reduced, depending upon the time
elapsed after administration of beryllium. An inhibition
(Biological Sciences--Toxicology, IT, v. 11, no. 5)

(over)

TT-63-23885

I. Liu, Yu-tan -

II. FASEB S-440-2

III. Federation of American
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IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

MECHANISM OF THE ANTIEDEMATOUS ACTION OF PAR-
ENTERALLY ADMINISTERED ~~XX~~ CRYSTALLINE PRO-
TEINASES, BY K. N. VEREMEYENKO, 11 PP.

RUSSIAN, PER, VOPROSY MEDITSINSKOY KHIMII,
VOL VIII, NO 5, SEP - OCT 1962, PP 525-531.

JPRS 16956

SCI - MED

FHSEB

JAN 63

218,994

Silakova, A. I., Trush, G. P., and Yavilyakova, A.
MICROMETHOD OF DETERMINING AMMONIA AND
GLUTAMINE IN TRICHLOROACETIC TISSUE. [1963]
[17p] (figs refs omitted) 8 refs FASEB Manuscript
no. S 445-2.

Order from OTS, SLA or RFP \$1.00 TT-63-23884
figs available on loan from OTS

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962,
v. 8, no. 5, p. 538-544. (Abstract available)

DESCRIPTORS: *Microanalysis, *Ammonia,
*Glutamine, Acetic acids, Chlorides, *Tissues
(Biology).

Simple and rapid methods of serial determinations of
ammonia and glutamine are described. In the determi-
nation of ammonia in trichloroacetic acid extracts from
tissues in the presence of labile ammonia-forming sub-
stances (glutamine), the alkalizing agents should be
(Biological Sciences--Biochemistry, TT, v. 11, no. 6)(over)

TT-63-23884

- I. Silakova, A. I.
- II. Trush, G. P.
- III. Yavilyakova, A.
- IV. FASEB S-445-2
- V. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

BIOCHEMISTRY OF THE NERVOUS SYSTEM,, BY
N. N. DEMIN, L. Z. PEVZNER, 12 PP.

RUSSIAN, PER, VOPROSY MEDITSINSKOY KHIMII,
VOL VIII, NO 5, SEP - OCT 1962, PP 553-556.

JPRS 16956

~~SCI~~ SCI - MED

JAN 63

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Lozovskii, D. V.
 TRYPTOPHAN METABOLISM IN SCHIZOPHRENIA.
 [1963] [11p] (refs omitted) 3 refs FASEB Manuscript
 no. S-77-3.
 Order from CTS or SLA \$1.60 63-23845

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962,
 v. 8, no. 6, p. 616-620.

DESCRIPTORS: *Tryptophan, Metabolism, *Psy-
 choses, Excretion, Urine, *Xanthic acids, Amino
 acids.

Urinary excretion of N-methylnicotinamide after
 tryptophan loads is lower in schizophrenics than in
 healthy persons. Urinary excretion of xanthurenic
 acid after tryptophan loads is increased in schizo-
 phrenia. In some schizophrenic patients, decreased
 urinary excretion of N-methylnicotinamide on con-
 (Biological Sciences - Neurology and Psychiatry, TT,
 v. 10, no. 12) (over)

63-23845

- I. Lozovskii, D. V.
- II. FASEB S-77-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Siyanitskaya, M. F. and Seits, I. F.
SOME QUANTITATIVE ASPECTS OF ENERGY
METABOLISM IN ASCITES CELLS OF EHRLICH'S
CARCINOMA. Nov/Dec 63, Sp 11refa
Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, v. 22, no. 6, p. 11,
p. T1073-T1077

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963,
v. 9, no. 1, p. 19-[26].

DESCRIPTORS: *Metabolism, Cells (Biology), Tumors,
Tissue cultures, *Cancer, Cytochemistry, Glucose,
*Phosphorylation, *Glycolysis, Edema.

(Biological Sciences--Pathology. TT, v. 11, no. 10)

TT-63-17973-6
(p. T1073-T1077)

- I. Title: Ehrlich's carcinoma
- I. Siyanitskaya, M. F.
- II. Seits, I. F.
- III. Federation of American Societies for Experimental Biology, Washington, D. C.

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Blood Content Determination in Organs and Tissue, by A. V. Tkachenko,

RUSSIAN, per, Voprosy Meditsinskoi Khimii,
Vol IX, No 1, 1963, pp 71-76.

*CESTI TT 67-51225

Sci-B&M

Dec 66

Lapteva, N. N., Gurdzhiev, R. A. and others.
PREPARATIVE FRACTIONATION OF BLOOD-SERUM
PROTEINS BY CONTINUOUS ELECTROPHORESIS
IN THE EPP-" APPARATUS. [1963]-7p.
Order from ATS \$9.75 ATS-31Q70R

Trans. of Voprosy Meditsinskoi Khimii (USSR)
1963, v. 9, no. 1, p. 84-89.

DESCRIPTORS: Blood serum, *Blood proteins,
Electrophoresis, *Medical equipment.

(Biological Sciences--Physiology, TT, v. 10, no. 7)

63-17757

1. Title: EPP apparatus
- I. Lapteva, N. N.
- II. Gurdzhiev, R. A.
- III. ATS-31Q70R
- IV. Associated Technical
Services, Inc.,
East Orange N. J.

Office of Technical Services

Metabolism of Neuraminic Acid in Animals,
by I. V. Tsvetkova,
RUSSIAN, per, Voprosy Meditsinsko Khimii,
Vol IX, No 2, 1963, pp 115-124.
ALL NRC 3920
(On Loan or Purchase)

SCI-96
Apr 67

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Chernyak, N. B. and Totskaya, A. A.
STRUCTURE AND OXIDATIVE METABOLISM OF
GRANULAR FRACTION ISOLATED FROM HUMAN
BLOOD PLATELETS. Mar/Apr 64, 6p 14refs
Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, 1964, v. 23, no. 2 (p. T326-
T331)

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963,
v. 9, no. 2, p. 14ff.

DESCRIPTORS: Electron microscopy, *Blood platelets,
*Metabolism, *Morphology (Biology), Blood, Man,
*Oxygen consumption

(Biological Sciences--Anatomy, TT, v. 11, no. 10)

TT-(4-12541-2 (p. T326-T331)

- I. Chernyak, N. B.
- II. Totskaya, A. A.
- III. Federation of American
Societies for Experimental
Biology, Washington, D.C.

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XX THE PROBLEM OF LIVER PATHOCHEMISTRY AFTER INJURY
WITH PLUTONIUM-239, BY N. I. YELKINA, Z. B.
TOKARSKAYA, 9 PP.

RUSSIAN, PER, VOPROSY MEDITSIN KHIM, VOL IX, NO 2,
1963, PP 154-XX 160.

JPRS 19995

SCI - MED

JUL 63

235,381

THE CONTENT OF ADENOSINE TRIPHOSPHORIC ACID AND
CREATINE PHOSPHATE IN THE BRAINS AND MUSCLES OF ANIMALS
ADAPTED AND NOT ADAPTED TO THE COLD, BY L. A.
GUSEVA, 7 PP.

RUSSIAN, PER, VOPROSY MEDITSIN KHIM, VOL IX, NO 2,
1963, PP 180-184.

JPRS 19995

SCI - MED

JUL 63

235,319

THE EFFECT OF ~~XMR~~ IMIPRAMINE ON THE ACTIVITY OF
MONOAMINE OXIDASE OF THE CAT BRAIN, BY R. A
KHAUNINA, I. P. LAPIN, 5 PP.

RUSSIAN, PER, VOPROSY MEDITSIN KHIM, VOL IX, NO 2,
1963, PP 184-188.

JPRS 19995

SCI ~~X~~- MED

JUL 63

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Georgiev, G. P. and Lerman, M. I.
 THE METABOLIC HETEROGENEITY OF MESSENGER
 RNA FROM EHRLICH ASCITES CARCINOMA CELLS
 (Metabolicheskaya Geterogennoet' Informatsionnoi RNK
 iz Kletok Absitsinogo Raka Erlikha). [1964] 19p.
 (foreign text included) 4 refs FASEB Ma. no.: S037-3.
 Order from: OTS, SLA, or ETC \$1.10 TT-64-15461

Trans. of Vopravy Meditsinskoi Khimii (USSR) 1963,
 v. 9, no. 2, p. 218-221

(Biological Sciences--Pathology, TT, v. 12, no. 3)

TT-64-15461

- I. Georgiev, G. P.
- II. Lerman, M. I.
- III. FASEB-S-637-3
- IV. Federation of American
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 mental Biology.
 Washington, D. C.
- V. Scripta Technica, Inc.,
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S- 728/63

Decision of the Central Committee CPSU and of the Council of Ministers USSR On Measures for the Further Development of Biological Science and its Closer Ties With Practice and the Task of Medical Chemistry, (NY-7802)

RUSSIAN, per, Voprosy Medit Khim, Vol IX, No 3, 1963, pp 227-232.

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DECREE THE FURTHER DEVELOPMENT OF BIOLOGY PRACTICE,
13 PP.

RUSSIAN, PER, VOPROSY MEDIT KHIM, VOL IX, NO 3, 1963,
PP 227-232.

JPRS 21314

Fel'dman, M. Ya.

THE CHEMICAL BASIS OF THE PREPARATION OF
FORMALIZED VIRUS VACCINES (Khimicheskie
Osnovy Polucheniya Virusnykh Formalizirovannykh
Vaktsin). [1964] [26p] (foreign text included) 24refs
FASEE Ma no.: S646-3.

Order from OTS, SLA, or ETC \$2.60 TT-64-15540

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963,
v. 9, no. 3, p. 232-239.

(Biological Sciences--Pathology, TT, v. 12, no. 3)

TT-64-15540

I. Fel'dman, M. Ya.

II. FASEE-S-646-3

III. Federation of American
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mental Biology.

Washington, D. C.

IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Tartarinov, Yu. S.
IMMUNOCHEMICAL ANALYSIS OF THE SUPER-
NATANT LIQUID AFTER THE FORMATION OF
PRECIPITATE IN A COMPLEX ANTIGEN-ANTIBODY
SYSTEM. [1963] [15p] 21 refs FASEB Ms no. S647-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13887
figs available on loan from OTS

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963,
v. 9, no. 3, p. 244-250.

DESCRIPTORS: Immunity, Chemical analysis,
*Antigens and antibodies, *Immune serums,
Histological techniques, *Biological assay, Chemical
precipitation.

(Biological Sciences--Pathology, TT, v. 11, no. 10)

TT-64-13887

- I. Tartarinov, Yu. S.
- II. FASEB-S-647-3
- III. Federation of American
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TT-64-15444

Stranskii, Z.
AN ELECTROPHORESIS APPARATUS OF IMPROVED
DESIGN (Uluchshennyy Tip elektroforeticheskoi
kamery). [1964] (hp) FASEB Me no. 6655-3.
Order from OTS, SLA, or ETC \$1.10 TT-64-15444

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963,
v. 9, no. 3, p. 301-303.

- I. Stranskii, Z.
- II. FASEB-S 655-3
- III. Federation of American
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Washington, D. C.
- IV. Scripta Technica, Inc.,
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(Biological Sciences--Medical Specialties,
TT-64-15444)

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The Cytochrome Effect in Radiation, by
S. Ye. Manoilov, O. A. Briukhanov, 2 pp.
RUSSIAN, per, Voprosy Med Khim, Vol IX, No 3,
1963, pp 317-319. 9223437 7233852
DRB Canada
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Sep 864

TT-64-15525

Garkavi, P. G.
IMPAIRMENT OF TISSUE PROTEIN SYNTHESIS IN
TOXIC HEPATITIS INDUCED BY CERTAIN
CHLORINATED HYDROCARBONS. [1964] [9p] 16 refs
FASEB Ms no.:S862-3.
Order from OTS, SLA, or ETC \$1.10 TT-64-15525

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963,
v. 9, no. 4, p. 365-370.

- I. Garkavi, P. G.
- II. FASEB-S-862-3
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Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Toxicology, TT, v. 12, no. 3)

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Golyasheva, M. G., Zhdanovich, E. S., and Liber, L. I.

MICROBIOLOGICAL PREPARATION OF FLAVIN ADENINE DINUCLEOTIDE BY MEANS OF AN EREMOTHECIUM ASHBYII CULTURE (Poluchenie Flavinadenindinukleotida Mikrobiologicheskim Metodom s Pomoishch'yu Kul'tury Eremothecium Ashbyi). [1964] [8p] (foreign text included) 7 refs FASEB Me no.: S863-3.

Order from OTS, SLA, or ETC \$1.10 TT-64-15480

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963, v. 9, no. 4, p. 371-373.

TT-64-15480

- I. Golyasheva, M. G.
- II. Zhdanovich, E. S.
- III. Liber, L. I.
- IV. FASEB-S-863-3
- V. Federation of American Societies for Experimental Biology, Washington, D. C.
- VI. Scripta Technica, Inc., Washington, D. C.

(Biological Sciences--Microbiology, 33, v. 9, no. 4)

Office of Technical Services

Phosphate Content in the Blood of Chick Embryos
Under Normal Conditions and After Insulin Admin-
istration, by L. G. Leibson.

RUSSIAN, per, Vopr Med Khim, Vol 9, 1963,
pp 373-380.

ATS RJ-5507

ATS 36R77K

Sci-B&M
June 70

PYRIDOXAL PHOSPHATE PARTICIPATION IN ACTIVE AMINO-
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